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AMENDMENTS TO THE CLAIMS:

Please amend Claims 20 and 29, and add Claims 34 through 54, as follows:

1-19. (Canceled)

20. (Currently Amended) A driver embodied in a computing-device-readable medium for use in a computing device having a TCP/IP stack, said driver being configured to send an IP packet from the TCP/IP stack through an IP tunnel across a network,

wherein the IP packet from the TCP/IP stack, which IP packet comprises an IP header, is placed within an ethernet packet before being received by said driver, wherein the ethernet packet comprises an ethernet header and an ethernet checksum, and

wherein said driver removes the ethernet header and ethernet checksum from the ethernet packet, and adds another IP header so as to result in a packet that comprises both (a) the IP header and (b) the another IP header.

21. (Previously Presented) A driver according to Claim 20, wherein the network is the Internet.

22. (Previously Presented) A driver according to Claim 20, wherein an apparatus on the network receives the IP packet through the IP tunnel.

23. (Previously Presented) A driver according to Claim 22, wherein the apparatus on the network sends the received IP packet towards its destination via a network.

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24. (Previously Presented) A driver according to Claim 23, wherein an internet browser running on the computing device accesses a server through the TCP/IP stack of the computing device which sends a request to the server by way of said driver and the apparatus on the network.

25-28. (Canceled)

29. (Currently Amended) An apparatus comprising:
an internet browser; and
a TCP/IP stack for use with said internet browser; and
a driver that (i) receives an ethernet packet containing an IP packet from said TCP/IP stack, the IP packet comprising an IP header, wherein the ethernet packet comprises an ethernet header and an ethernet checksum, (ii) removes the ethernet header and ethernet checksum from the ethernet packet, and (iii) adds another IP header so as to result in a packet that comprises both (a) the IP header and (b) the another IP header.

wherein said internet browser sends a packet across the Internet to a second apparatus through (a) said TCP/IP stack, (b) said driver, (c) an Internet connection between said apparatus and a gateway apparatus, and (d) means for transmitting packets from the gateway apparatus to the second apparatus.

30. (Previously Presented) An apparatus according to Claim 29, wherein the tunnel comprises an IP tunnel, and wherein the means for transmitting packets from the gateway apparatus to the second apparatus is an IP network.

31. (Previously Presented) An apparatus according to Claim 29, wherein the connection between the gateway apparatus and the second apparatus is a network connection.

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32. (Previously Presented) A personal computing device comprising:
a TCP/IP stack; and
a driver according to Claim 20.

33. (Canceled)

34. (New) A driver according to Claim 20, wherein said driver is embodied in a computing-device-readable medium in that said driver is stored in a memory of the computing device.

35. (New) A driver according to Claim 22, wherein said driver is embodied in a computing-device-readable medium in that said driver is stored in a memory of the computing device.

36. (New) A driver according to Claim 23, wherein said driver is embodied in a computing-device-readable medium in that said driver is stored in a memory of the computing device.

37. (New) A driver according to Claim 24, wherein said driver is embodied in a computing-device-readable medium in that said driver is stored in a memory of the computing device.

38. (New) A driver according to Claim 32, wherein said driver is embodied in a computing-device-readable medium in that said driver is stored in a memory of the computing device.

39. (New) A driver stored in a memory of a personal computing device, the personal computing device including TCP/IP software,

wherein said driver is configured to receive an ethernet packet that contains an IP packet from the TCP/IP software, the IP packet comprising a first IP header, wherein the ethernet packet comprises an ethernet header and an ethernet checksum, and

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wherein said driver is configured to remove the ethernet header and ethernet checksum from the ethernet packet and add a second IP header so as to result in a packet that comprises both (a) the first IP header and (b) the second IP header.

40. (New) A driver according to Claim 39, wherein the personal computing device includes internet browser software, and the internet browser software sends a packet to a first apparatus having an IP address through (a) the TCP/IP software, (b) said driver, (c) a network connection between the personal computing device and a second apparatus having an IP address, and (d) a network connection between the second apparatus and the first apparatus.

41. (New) A personal computing device comprising:
TCP/IP software; and
a driver according to Claim 39.

42. (New) A system comprising:
driving means for use in a personal computer, the personal computer including TCP/IP software,

wherein said driving means is configured to receive an ethernet packet that comprises an ethernet header, an ethernet checksum, and an IP packet from the TCP/IP software, the IP packet comprising a first IP header, and

wherein said driving means is configured to remove the ethernet header and ethernet checksum from the ethernet packet and add a second IP header so as to result in a packet that comprises both (a) the first IP header and (b) the second IP header.

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43. (New) A system according to Claim 42, wherein the personal computer includes internet browser software, and the internet browser software sends a packet to a first apparatus having an IP address through (a) the TCP/IP software, (b) said driver, (c) a network connection between the personal computer and a second apparatus having an IP address, and (d) a network connection between the second apparatus and the first apparatus.

44. (New) A method comprising:
receiving a packet comprising an ethernet header, ethernet checksum, and an IP packet from TCP/IP software, the IP packet comprising a first IP header;
removing the ethernet header and ethernet checksum from the packet; and
adding a second IP header to the packet, resulting in a packet that comprises both (a) the first IP header and (b) the second IP header,
wherein said method is performed by a personal computer that comprises the TCP/IP software.

45. (New) A method according to Claim 44, wherein the IP packet further comprises a packet from an internet browser used on the personal computer, and the packet that comprises both (a) the first IP header and (b) the second IP header is sent from the personal computer to a first apparatus having an IP address via a network connection, and

wherein the first apparatus having an IP address removes the first IP header from the packet and sends the resulting packet to a second apparatus having an IP address via a network connection.